

Oceanic Steamship Comp'y.



TIME TABLE:

From San Francisco.	Leave	Due at
Alameda	Dec 13	Dec 20
For San Francisco.	Leave	Due at
Mariposa	Nov 26	Dec 13
Zealandia	Dec 24	Jan 10
Intermediate--S. S. Australia.	Leave	Due at
Friday	Dec 5	Friday, Dec 18

Australian Mail Service

FOR SAN FRANCISCO.

The New and Fine A1 Steel Steamship
"Mariposa,"
 Of the Oceanic Steamship Company will
 be due at Honolulu from Sydney
 and Auckland on or about
Dec. 13, 1890.
 And will leave for the above port with
 mails and passengers on or
 about that date.

For freight or passage, having
 superior accommodations, apply to
Wm. G. IRWIN & CO., Ltd.
 Agents.

For Sydney and Auckland.

"Alameda,"

Of the Oceanic Steamship Company will
 be due at Honolulu from San
 Francisco on or about
Dec. 20, 1890.
 And will have prompt dispatch with
 mails and passengers for
 the above ports.

For freight or passage, having
 superior accommodations, apply to
Wm. G. IRWIN & CO., Ltd.
 Agents.

J. HOPP & CO.

74 King St. 74 King St.
 Importers of
Rattan and Reed Furniture.

Pianos and Furniture

Moved With Care.

Matting and Carpets Laid.

CORNICE POLES

Fine Upholstering & Bedding
 A Specialty.

CHAIRS TO RENT.

apr-10-88

HUSTACE,

Robertson & Hitchcock,



DRAYMEN.

All orders for carriage promptly attended
 to. Particular attention
 paid to the

Storing & Shipping

Of good in transit to the other Islands.

Also, Black & White Sand

In quantities to suit at lowest prices.

Office: Next door to Jas. F.
 Morgan's auction room.

Mutual 19 TELEPHONE Bell 414
 oct 6-1890-ly



Meat Company

31 KING STREET.

G. J. WALLER, - - Manager

Wholesale & Retail Butchers

NAVY CONTRACTORS.

1717 ly

BEAVER SALOON

The Best Lunch in Town.

Tea and Coffee at All Hours

The Finest Brands of

Cigars, Tobacco

Always on hand.

M. J. NOSTE, Proprietor.

PROGRAMME

OF THE

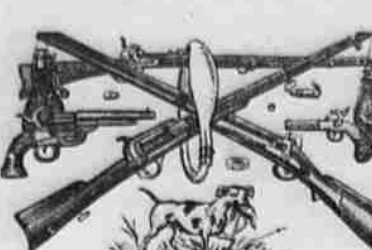
TENTH

Semi-Annual Competition

OF THE

HAWAIIAN

Rifle Association



To be held on their Range, at Ka-
 hauiki, King street.

On **THURSDAY, Jan. 1, 1891,**

At 9 o'clock a. m. sharp.

GOVERNOR DOMINIS' CUP.

Valued at \$100, for the highest aggregate
 score in matches Nos. 1, 2 and 3,
 to become the property of the mark-
 sman winning it three times at the regu-
 lar meetings of the H. R. A.

Won July 5, 1886, by J. Brodie, M. D.

Won January 1, 1887, by Wm. Unger.

Won July 23, 1887, by J. G. Rothwell.

Won January 2, 1888, by C. B. Wilson.

Won July 4, 1888, by F. Hustace.

Won January 1, 1889, by J. G. Rothwell.

Won Jan. 1, 1890, by C. B. Wilson.

I.—THE BRODIE MEDAL.

1st prize—Cup presented by J. Brodie.

M. D.

2nd prize—Gold Pin presented by

Mrs. C. H. Nichol.

3rd—\$2.50.

Conditions of the match: Open to all

members of the Association. 1st and

2nd prizes to become the property of the

marksmen winning them three times at the

regular meetings of the H. R. A.

Distance, 200 yards; rounds, 10; any

military rifle under the rules; limited

to one entry to each competitor. En-
 trance fee, \$1.

Won Jan. 1, 1890, by J. H. Fisher.

II.—THE ALDEN FRUIT AND

TARO COMPANY MEDAL.

Valued at \$100; also, a second prize

of \$5; third prize, \$2.50. Conditions:

Open to all comers; to become the prop-
 erty of the marksmen winning it three

times at the regular meeting of the H.
 R. A.; 2 strings of 10 shots each at 500

yard ranges; any military rifle under the

rules; limited to one entry for each

competitor. Entrance fee, \$1.

Won July 4, 1886, by J. Brodie, M. D.

Won January 1, 1887, by W. C. King.

Won July 23, 1887, by J. G. Rothwell.

Won January 2, 1888, by J. G. Rothwell.

Won July 4, 1888, by J. G. Rothwell.

Won January 1, 1889, by J. G. Rothwell.

Won Jan. 1, 1890, by C. B. Wilson.

III.—H. R. A. TROPHY.

Valued at \$150. Competitors limited

to members of the Association. Condi-
 tions: For the highest aggregate score

at 200 and 500 yards; 10 rounds at each

distance; any military rifle under the

rules; to become the property of the

marksmen winning it three times at regu-
 lar meetings of the H. R. A. En-
 trance fee, \$1.

Won July 4, 1889, by W. E. Wall.

Won Jan. 1, 1890, by F. Hustace.

IV.—MID-RANGE CHAMPION-

SHIP MATCH.

For Association Badge. To be worn

by the winner until his score is beaten

at any regular meeting of the H. R. A.

Limited to members of the Association;

10 rounds; 500 and 600 yards. En-
 trance fee, \$1.

Won July 4, 1888, by J. G. Rothwell.

Won January 26, 1889, by Lieut.

Ashe, H. B. M. S. Hyacinth.

Won July 4, 1889, by J. W. Pratt.

V.—WAIMANALO GOLD MEDAL.

Presented by Hon J. A. Cummins;

2nd prize \$25.00. To be shot at 200

and 500 yards. 10 shots at each dis-
 tance. Open to members who have

never won a first class prize. To be-
 come the property of the marksmen

winning it three times. Entrance fee,
 \$1.

Won January 1, 1889, by J. W. Pratt.

Won July 4, 1889, by C. Hustace, Jr.

Won Jan. 1, 1890, by H. W. Peck.

VI.—DIRECTOR'S CUP.

Presented by the Board of Directors

of 1891. Open only to members of the

H. R. A. who have never made a re-
 cord of over 75 per cent. in any regular

competition; to become the property of the

marksmen winning it three times. Dis-
 tance, 200 yds; rounds 10; Military

rifle; limited to one entry to each com-
 petitor. Entrance fee, \$1.

VII.—POOL TARGET.—(8 inch

bullseye).

200 yards. Open to all comers. Any

rifle. Unlimited entries. No hair set

triggers or telescopic sights allowed.

Tickets, 50 cents each; entitling holder

to fire 5 shots at this target. 75 percent

of total receipts in this match to be

awarded pro rata to total number of

bullseyes.

VIII.—PISTOL POOL TARGET.—

(8 inch bullseye).

50 yards. Open to all comers. All

pistols or revolvers not less than 32

calibre allowed. Tickets, 50 cents

each; entitling holders to fire 5 shots at

this target. 75 percent of total receipts

in this match to be awarded pro rata to

total number of bullseyes.

IX.—CITIZEN'S MATCH.

Some very valuable prizes, and a

prize for everybody. Any rifle; 10

rounds; distance, 200 yards. No hair set

triggers or telescopic sights allowed.

Entries unlimited. Entrance fee, \$1.

All members of the Association who

have made over 80 per cent. at any gen-
 eral meeting of the H. R. A. will not be

allowed to compete.

No entries will be made before the day

of the match, and persons will be

shot according to the number on their

ticket.

Committee on Citizens' Prizes:

J. D. TUCKER,
 E. O. WHITE,
 J. C. PARKER.

J. H. SOFER,
 President.

J. G. ROTHWELL,
 Secretary.

790 14

SELECTIONS

HOW AN OCEAN CABLE IS MADE.

The Great Care Necessary to Have Wires
 Thoroughly Insulated.

Let us first see what a submarine cable is

and how it is made. To do this a visit

must be made to the enormous factory

on the banks of the Thames, a few miles

below London. Here the birth of the

cable may be traced through shop after

shop, machine after machine. The

foundation of all is the conductor, a

strand of seven fine copper wires. This

slender copper cord is first hauled

through a mass of sticky, black com-
 pound, which causes the thin coating of

gutta-percha applied by the next machine

to adhere to it perfectly, and prevents

the retention of any bubbles of air in the

interstices between the strands, and be-
 tween the conductor and the gutta-

percha envelope.

One envelope is not sufficient, how-
 ever, but the full thickness of insulating

material has to be attained by four more

alternate coatings of sticky compound

and plastic gutta-percha. The conduct-

or is now insulated and has developed

into "core." Before going any further

the core is coiled into tanks filled with

water and tested in order to ascertain

whether it is electrically perfect, i. e., that

there is no undue leakage of electric-
 ity through the gutta-percha insulat-

ing envelope.

These tests are made from the testing

room, replete with beautiful and elab-

orate apparatus, by which measurements

finer and more accurate than those even

of the most delicate chemical balance

may be made. Every foot of core is

tested with these instruments, both be-
 fore and after being made up into cable,

and careful records are preserved of the

results.

After the core has been all tested and

passed the manufacture of the cable goes

on. The core travels through another

set of machines, which first wrap it with

a thick serving of tarred jute, and then

with a compact armor of iron or steel

wires of varying thickness, according to

the depth of water in which the cable is

intended to be laid. Above the armor-

ing, in order to preserve the iron from

rust as long as possible, is applied a cov-

ering of stout canvas tape thoroughly

impregnated with a pitchlike compound,

and sometimes the iron wires composing

the armor are separately covered with

Russian hemp as an additional preserva-

tive against corrosion.—Herbert Lawe
 Webb in Scribner's.

The Electrical Corset.

I've always been opposed to this pro-

misious courting; this vicious system

which permits a young man with any

intentions to waste a girl's time with his

attentions. At last I have devised a

remedy. The electrical corset solves the

difficulty. It will no longer be possible

for a young man to slip his arm around

a girl's waist or lay his head upon her

shoulder without giving the alarm. The

"ting-a-ling-ling" will instantly bring

her pa, ma or big brother into the room,

and the offender will be summarily

executed.

The electrical corset has a great future.

Its influence upon the moral tone of so-

ciety is destined to be incalculable. We

shall have no more of these hasty mar-

riages which end so speedily. Many a

young man under the inspiration of the

moment when his arm is encircling a

girl's waist breathes a love which he

would otherwise have left unspoken. It